301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

View Full Course Details including Latest Schedule Online

CISCO

ICND2 Certification Training

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

Our 5-day, instructor-led ICND2 (Interconnecting Cisco Networking Devices, Part 2) training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is directed toward IT network professionals who work with medium-sized switched and routed networks. It covers:

- VLSM & IPv6 addressing
- Extending switch networks with VLANs
- Determining IP routes
- Managing IP traffic with access lists
- Establishing point-to-point connections

This course builds on the concepts learned in ICND1 to prepare you for the CCNA® Certification.

Prerequisites: You must have successfully completed the ICND1 Certification Training course before enrollment. You should also have hands-on experience with Cisco routers and switches, a strong understanding of networking, and a firm grasp of the OSI model, IP subnetting and IP addressing.

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

Program Level

Advanced

Training Delivery Methods

Group Live

Duration

5 Days / 32 hours Training

CPE credits

26 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class.

Online enrolment closes three days before course start date.

On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: Complaint Resolution Policy

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: Refund and Cancellation Policy

Course Outline

Ethernet LANs

- Implementing Ethernet Virtual LANs
- Spanning tree protocol concepts
- Spanning tree protocol implementation
- LAN troubleshooting
- VLAN trunking protocol
- Miscellaneous LAN topics

IPv4 Routing Protocols

- Understanding OSPF concepts
- Implementing OSPF for IPv4
- Understanding EIGRP concepts
- Implementing EIGRP for IPv4
- Troubleshooting IPv4 routing protocols
- Implementing external BGP

Wide Area Networks

- Implementing point-to-point WANs
- Private WANs with Ethernet and MPLS
- Private WANs with internet VPN

IPv4 Services: ACLs and QoS

- Basic IPv4 access control lists
- Advanced IPv4 access control lists
- Quality of Service (QoS)

IPv4 Routing and Troubleshooting

- IPv4 routing in the LAN
- Implementing HSRP for first-hop routing
- Troubleshooting IPv4 routing

IPv6

- IPv6 routing operation and troubleshooting
- Implementing OSPF for IPv6
- Implementing EIGRP for IPv6
- IPv6 access control lists

Miscellaneous

- Network management
- Cloud computing
- SDN and network programmability

Exam Information

200-105 ICND2 Certification Exam Details:

- Number of Questions – 45-55
- Test Duration – 90 minutes
- Test Format – multiple choice, multiple answer, drag and drop, testlets, simlets, router & switch simulations
- Test Delivery – Pearson VUE

ICND2 Certification Exam Focuses On:

- LAN Switching
- IPv4 & IPv6 Routing

- WAN
- Infrastructure Services & Maintenance

After successfully passing the ICND2 exam, individuals will be awarded the Cisco Certified Network Associate (CCNA) certification.

ICND2 Certification Training FAQs

How long does it take to study for the ICND2 Certification Exam?

We suggest students take about month prior to a training class to self study, take a full length training class and then continue to focus on study areas that the instructor identifies as needing their attention for 1-3 weeks after the class before sitting for the exam.

What is the average salary for a professional with their CCNA?

According to payscale.com, the average salary for a professional with the CCNA certification is $77,000 annually.

What jobs can you get with the CCNA Certification?

Network Engineer
Technical Support Engineer
Network Administrator
Systems Engineer
Network Security Associate
Network Data Engineer
Network Field Technician
Network Security Analyst

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Phoenix TS is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of

individual courses for CPE credit. Complaints re-garding registered sponsors may be submitted to the National Registry of CPE Sponsors through its web site: www.nasbaregistry.org

Starting at **$3,295**

ATTENTION

For GSA pricing or Contractor quotes call 301-258-8200 – Option 2.

GSA

Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.

Included in this **ICND2 Certification Training** course:

- 5 days instructor-led training
- ICND2 Certification Training book

- Notepad, pen and highlighter
- Variety of bagels, fruits, doughnuts and cereal available at the start of class*
- Tea, coffee and soda available throughout the day*
- Freshly baked cookies every afternoon*

**denotes this benefit is only available at participating locations.*